1st and final Bill

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

66817

Serial No. .. Improvements to main roads of Bhyraveshwaranagara in Byadgi

Name of work ..... in ward No. 14 ..... From ..... To .....

Name of Contractor of nature of Agency .... Sree Rama Reddy .....

Date of commencement of work.....

Date	Full description, etc. of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Estimated cost ₹ 50.00 lakhs						
	Job code 2014-18-0000024						
	Adm. No:- 141-2017-18						
	Tech. No:- 187 2017-18						
	W.O. No:- 33-18-19						
(1)	Earthwork excavation by manual means in ordinary soil involving an horizontal throw upto 2 metres and an average lift upto 0.5m. excavated surface levelled and sides neatly dressed the dumped earth to be levelled neatly after breaking of clods complete as per specifications.						Skelagu ... ಅಧೀನ ಅಭಿಯಂತರರು ಮತ್ತು ಅಧಿಕೃತ ಬಿಲ್-ವೌಚರ್ ಪರೀಕ್ಷಕರು, ಪುರಸಭೆ ಬಂಗಾರಪೇಟೆ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per premeasurement Qty recorded in this MB at Pg. No. 66876/2 vide it. No. (1) ie. @ Rate ₹ 88.66/cum					565.50 cum = ₹ 50137/-	
(2)	Construction & embankment with approved material (Avoiding earth with all lifts and loads, transportation to site spreading, going to required slope and compacting to meet requirement complete as per specifications						
	As per premeasurement Qty recorded in this MB at Pg. No. 66876/2 vide it. No. (2) ie @ Rate ₹ 350/cum					1696.50 cum = ₹ 593775/-	
(3)	Grading-I; construction of granular sub base by providing coarse graded crushed stone aggregate & granite material spreading to uniform layers with motor grader to						

M. A. R. 57 (Rule 116) No. D

Measurement Book

66818

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	prepared surface mixing by a mix in place method with stabilizer at one, and compacting with vibratory roller to achieve the desired density complete as per specifications.						
	As per premeasurement Qty recorded in this MB at pg no. 66877 vide it. No (3) ie @ Rate ₹ 2/sqm cum					565.50 cum = ₹ 11,87,550/-	
(4)	providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specifications including premixing the material with water @ one in mechanical mix plant drawing & mixed method & tipper						

MEASUREMENT BOOK

Date	Full description etc. of work	Dimensions				Contents	References to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	to the bedding in cement lime mortar (1:3:6) with proper to the base / base course as well prepared & complete with all lead & lifts to include the charges for complete as per specifications.						
	as per measurement taken jointly recorded in the MB at pg. no. 66778 vide at no. (D) 1					75 Sqm.	
	@ Rate 2357/-						19357/-
(E)	Providing and applying pavement with SS bitumen Emulsion @ prepared surface of approved base course of WBM, WMM including cleaning of base surface & all spraying bitumen at the rate of 2kg/sqm. complete as per specifications.						
	as per measurement taken jointly recorded in this MB at pg. no. 66778 vide at no. (E) 1 @					3770 Sqm	
	Rate 3 21/sqm.						11316/-

M. A. R. 57 (Rule 118) No. D
Measurement Book

Serial No.
Name of work
Name of Contractor or nature of Agency
Date of commencement of work

From To

Date	Full description etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(E)	Cleaning the existing base topped surface with brooms, soft brushes, and thereby cleaning with hot spray tape and of compressed air to obtain an effective treatment including cost & all materials, labours, steam, machineries complete as per specifications.						
	as per measurement taken jointly recorded in this MB at pg. 66778 vide at no. (E) 1					3770.00 Sqm	
	@ Rate 3 21/sqm.						11316/-
(F)	Providing and applying bonding coat on the prepared base topped surface as per specifications, labours & bitumen emulsion fitted with spray at 2 kg/sqm cost & all materials complete as per specifications.						

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per premeasurement Qty recorded in this MB at Pg no. 66880/2 vide at No. (7) i/c. @ Rate ₹ 11.89/mt					3770.00 Sqm = ₹ 44825/-	
(8)	providing and laying Bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base/binding course including loading & aggregates with F.E. loaders, hot mixing of stone aggregates and Bitumen in hot mix plant. 40 tonne Capacity, transporting the mixed material in tipper to Paver and laying mixed materials with paver finisher to secure the required level and grade. Rolling by power roller to achieve the desired density. 50/75 mm Compacted thickness with 3.5% Bitumen using 120 (60 TPH Capacity) H.M.P. with mechanical Paver Art-II (50/75 mm) with 3.4% Complete as per Specification No.						

M. A. R. 57 (Rule 116)
Measurement Book

No. D 66820

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor or nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per measurement Qty recorded in this MB at Pg No. 66879/2 vide at No. (8) i/c @ Rate ₹ 5231.82/cum					188.50 cum = ₹ 986219/-	
(9)	providing and laying bituminous concrete with hot mix plant using crushed aggregates of specified grading mixed with bituminous binder and fillers, transporting the hot mix to work site laying with paver finisher to the required grade, level and alignments. Rolling with smooth wheeled vibrating and tandem roller to achieve the desired compaction as per specifications using 120 (60 TPH capacity) H.M.P. with mechanical paver - II complete as per specifications.						

2970=00
05=00

65=00

M. A. R. 57 (Rule 116)
Measurement Book

No. D 66821

From .... To ....

gency Sreeramu Reddy

Engineer

Work	Number	Dimensions			Contents	Reference to last Measurement
		Length	Breadth	Depth		
	3	4	5	6	7	8
is to the final place of disposal with and as direction by the engineer in lead 4 km.						
Qty made it. No. ① of this work.					565.50 cum	
@ Rate of 87.36/cum						= ₹ 49402/-
Total Bill Amount						= ₹ 4972970/-
Satisfactorily by Contractor removed all debris from work ... mental issues made by contractor.					24 5/10/	ಸಹಾಯಕ [illegible] ಅಭಿಯಂತರರು [illegible] ಉಪ-ವಿಭಾಗ [illegible]

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
x (7.00 +	6.70)/2	x 0.03	12.33	M 22/10/18
x (6.70 +	5.60)/2	x 0.03	2.58	
x (6.60 +	6.20)/2	x 0.03	11.52	
x (6.20 +	5.00)/2	x 0.03	10.08	
(5.00 +	6.00)/2	x 0.03	2.64	
(6.20 +	5.80)/2	x 0.03	10.80	
(5.80 +	6.20)/2	x 0.03	10.80	
(6.20 +	6.70)/2	x 0.03	11.61	
(7.00 +	6.00)/2 x	0.03	11.70	
(6.00 +	6.20)/2 x	0.03	2.19	
(5.0 +	4.20)/2	x 0.03	8.28	
(4.2 +	4.0)/2 x	0.03	7.38	
(4.0 +	3.9)/2 x	0.03	7.11	
(3.9 +	4.1)/2 x	0.03	4.08	
	Total	Qty	113.60 Cum	

@ 115.36/cum = ₹ 13047/-

Audited and admitted for Rs. 497

Passed by Cheque for Rs. 47101

Serial No.

Name of work 2628

Name of Contractor of nature of A

Date of commencement of work

Accounts

Date

1	2 Full description, etc. of
(10)	Disposal of debris all lead and lift charge of the work
	Certificate. (1) The work is done (2) the contractor has (3) there is no depart

24/8

MEASUR

Date 1	Full description, etc, of work 2	Number 3
	4th cross, Bhyraveshwara Nagare	1x60.00
		1x14.00
		1x60.00
		1x60.00
		1x16.00x
	4th main — " —	1x60.00x
		1x60.00x
		1x60.00x
	cross road	1x60.00x
		1x12.00x
	5th cross, Bhyraveshwara — Nagar	1x60.00x
		1x60.00x
		1x60.00x
		1x34.00x

@ Rate

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾಸೌಧ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಕೋಟೆ, ಪಿನ್ಕೋಡ್
ಬೆಂಗಳೂರು

24/3/2018